

Auxiliary illuminating beam path for microscopes

Patent Number: DE3446727
Publication date: 1986-07-03
Inventor(s): FALTERMEIER BERND DR RER NAT (DE)
Applicant(s): ZEISS CARL FA (DE)
Requested Patent: DE3446727
Application Number: DE19843446727 19841221
Priority Number(s): DE19843446727 19841221; DE19833328821 19830810
IPC Classification: G02B7/11 ; G02B21/24
EC Classification: G02B21/24B3 ; G02B21/24B3D
Equivalents:

Abstract

The autofocus device has an auxiliary illuminating beam path (12) which is reflected into or out of the beam path of the microscope. The auxiliary illumination is generated by two light sources (13a, 13b), which are arranged next to one another in a plane conjugate with the pupil of the microscope objective and are switched alternately. A detector (29) in a hatch of the auxiliary illuminating beam path which is bounded on one side by a diaphragm (24) is used to detect the measuring light bundle. 

Data supplied from the **esp@cenet** database - I2